

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 5

**Complete If Known**

Application Number	09/976,210
Filing Date	October 11, 2001
First Named Inventor	Victor F. Petrenko
Art Unit	3742
Examiner Name	Quang T. Van
Attorney Docket Number	393551

**RECEIVED****JUL 08 2006****OFFICE OF PETITIONS****U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
RO		1,157,344	10-19-1915	E. Thomson	
RO		1,656,329	01-17-1928	E. G. Sievert et al	
RO		2,496,279	02-07-1950	Ely, et al.	
RO		2,870,311	01-20-1959	Greenfield	
RO		3,204,084	05-07-1963	J.G. Spencer, Jr.	
RO		3,316,344	04-25-1967	Kidd, et al.	
RO		3,316,345	04-25-1967	Toms, et al.	
RO		3,526,920	06-21-1966	Byers	
RO		3,790,752	02-05-1974	Boaz et al	
RO		3,825,371	07-23-1974	Roder, et al.	
RO		3,835,269	09-01-1974	Levin, et al.	
RO		3,915,883	10-01-1975	VanMeter, et al.	
RO		3,971,056	07-01-1976	Jaskolski, et al.	
RO		4,054,672	10-01-1977	Inoue, et al.	
RO		4,082,962	04-01-1978	Burgsdorf, et al.	
RO		4,085,338	04-01-1978	Genrikh, et al.	
RO		4,137,447	01-30-1979	Boaz	
RO		4,190,137	02-26-1980	Shimada, et al.	
RO		4,278,875	07-14-1981	Bain	
RO		4,296,298	10-20-1981	Macmaster, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
RO		SU26363	08-1931	Unknown		
RO		SU587548	01-05-1978	Nikonets, et al.		
RO		SU936040	06-15-1982	Osoboe Znak Pocheta		
RO		CN1079578	12-15-1993	Long		
RO		EPI168888	01-02-2002	Nippon Sheet Glass Co. Ltd.		
RO		GB2259287	03-10-1993	Golls Royce		
RO		FR2570333	03-21-1986	Mendola		
RO		JP5292638	11-05-1993	Sumitomo Electric Ind.		
RO		JP7023520	01-24-1995	Sumitomo Electric Co.		
Examiner Signature	RO		Date Considered	3/02/05		

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
		Application Number	09/976,210	<div style="font-size: 2em; font-weight: bold; transform: rotate(-5deg);">RECEIVED</div> <div style="font-size: 1.5em; font-weight: bold; transform: rotate(-5deg);">JUL 08 2004</div> <div style="font-size: 1.2em; font-weight: bold; transform: rotate(-5deg);">OFFICE OF PETITIONS</div>	
		Filing Date	October 11, 2001		
		First Named Inventor	Victor F. Petrenko		
		Art Unit	3742		
		Examiner Name	Quang T. Van		
		Attorney Docket Number	393551		
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U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number - Kind Code <sup>2</sup> (if known)				
RT		4,321,296	03-23-1982	Rougier		
RT		4,330,702	05-01-1982	Cheng		
RT		4,330,703	05-18-1992	Horsma, et al.		
RT		4,376,598	03-01-1983	Brouns, et al.		
RT		4,638,960	01-27-1987	Straube, et al.		
RT		4,651,825	03-01-1987	Wilson		
RT		4,690,353	09-01-1987	Haslim, et al.		
RT		4,737,618	04-12-1988	Barbier, et al.		
RT		4,760,978	08-02-1988	Schuyler, et al.		
RT		4,773,976	09-27-1988	Vexler		
RT		4,814,546	03-01-1989	Whitney, et al.		
RT		4,875,644	10-01-1989	Adams, et al.		
RT		4,887,041	12-01-1989	Mashikian, et al.		
RT		4,897,597	01-30-1990	Whitener		
RT		4,950,950	08-01-1990	Perry, et al.		
RT		4,974,503	12-01-1990	Koch		
RT		4,985,313	01-15-1991	Penneck et al		
RT		5,109,140	04-01-1992	Nguyen		
RT		5,112,449	05-01-1992	Jozefowicz, et al.		
RT		5,144,962	09-08-1992	Counts et al		

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Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>6</sup> (if known)				
RT		JP11041768	2/12/1999	Fujikura Ltd.		
RT		JP57060684	4/12/1982	Nippon Koei Co. Ltd		
RT		GB2 252 285 A	8/15/1992	British Aerospace Public Limited Company		
RT		DE44 40 634	7/25/1996	Gustin		
RT		WO 94/20819	9/15/1994	Innovative Dynamics, Inc.		
RT		WO 95/30495	11/16/1995	Donnelly Corporation		

Examiner Signature		Date Considered	3/02/05
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<b>Filing Date</b>	October 11, 2001
<b>First Named Inventor</b>	Victor F. Petrenko
<b>Art Unit</b>	3742
<b>Examiner Name</b>	Quang T. Van
<b>Attorney Docket Number</b>	393551

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		Number - Kind Code <sup>2</sup> (# known)			
RT		5,218,472	06-01-1993	Jozefowicz, et al.	
RT		5,330,291	07-01-1994	Heath, et al.	
RT		5,344,696	09-06-1994	Hastings et al	
RT		5,398,547	03-21-1995	Gerardi, et al.	
RT		5,411,121	05-01-1995	La Forte, et al.	
RT		5,441,305	08-15-1995	Tabar	
RT		5,496,989	03-05-1996	Bradford et al	
RT		5,511,288	09-03-1996	Geraldi, et al.	
RT		5,523,959	06-01-1996	Seegmüller	
RT		5,551,288	09-03-1996	Geraldi, et al.	
RT		5,555,738	09-17-1998	Wills, et al	
RT		5,586,213	12-01-1996	Bridges, et al.	
RT		5,630,360	05-01-1997	Polny Jr.	
RT		5,744,704	04-01-1998	Hu, et al.	
RT		5,861,855	01-01-1999	Arsenault, et al.	
RT		5,873,254	02-01-1999	Arav.	
RT		5,902,962	11-01-1999	Gazdzinski	
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RT		6,018,152	01-25-2000	Allaire, et al.	
RT		6,027,075	02-22-2000	Petrenko	

[illegible]

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RA		6,031,214	02-29-2000	Bost, et al.		
RA		6,102,333	08-01-2000	Gerardi, et al.		
RA		6,129,314	10-10-2000	Giamati, et al.		
RA		6,134,096	10-01-2000	Yamada, et al.		
RA		6,145,787	11-14-2000	Rolls		
RA		6,218,647	04-01-2001	Jones, et al.		
RA		6,270,188	08-01-2001	Ichikawa		
RA		6,330,986	12-18-2001	Rutherford et al		
RA		6,370,004	04-01-2002	Yamaguchi		
RA		6,396,172	05-01-2002	Couture		
RA		6,427,946	08-06-2002	Petrenko		
RA		6,478,259	11-01-2002	Cordaro		
RA		6,492,629	12-01-2002	Sopory		
RA		6,550,508	04-01-2003	Yamaguchi, et al.		
RA		6,570,333	05-01-2003	Miller, et al.		
RA		6,576,115	06-01-2003	Petrenko		
RA		5,012,868	05-01-1991	Bridges		
RA		6,194,685 B1	02-27-2001	Rutherford		

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Attorney Docket Number	393551

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**OFFICE OF PETITIONS****NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
BT		"Icing Wind Tunnel", Meeting the Challenges of Ice Testing In a World-Class Facility - BF Goodrich Aerospace Ice Protection Systems, 4 pages	
BT		"New Goodrich Wind Tunnel Tests Advanced Aircraft De-Icing Systems", by Edward H. Phillips, Uniontown, Ohio, Aviation Week Magazine, Oct. 3, 1998, 3 pages.	
BT		"The Evolution of Ice Protection Creates a Revolution Ice Detection", BFGoodrich Aerospace Ice Protection Systems, 2 pages, No date.	
BT		AIA 94-0714, "Interface Influences Upon Ice Adhesion to Airfoil Materials", by A. Reich, BF Goodrich Aerospace/De-Icing Systems, Brecksville/Uniontown, OH (32nd Aerospace Sciences Meeting and Exhibit, January 10-13, 1994) pages 1-8	
BT		Electromechanical Phenomena in Ice; Victor F. Petrenko; Thayer School of Engineering Special Report 96-2; Feb. 1996.	
BT		Generation of electric fields by ice and snow friction, by Victor F. Petrenko and Smauel C. Colbeck, (May 1, 1995), pp. 4518-4521.	
BT		Khusnatdinov N N et al: "Electrical Properties Of The Ice/Solid Interface" Journal Of Phusical Chemistry. B, Materials, Surfaces, Interfaces And Biophysical, Washington, D.C. US Vol. 101, 07-17-1997, pages 6212-6214	
BT		The effect of static electric fields on ice friction; Victor F. Petrenko; J. Appl. Phys. 76 (2), Jul. 15, 1994; 1994 American Institute of Physics.	

Examiner  
Signature

BT

Date  
Considered

03/02/05

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